

**GOVERNMENT OF INDIA
POWER
LOK SABHA**

UNSTARRED QUESTION NO:266
ANSWERED ON:17.11.2016
Hydro Power Projects
Sreeramulu Shri B.

Will the Minister of POWER be pleased to state:

- (a) the details of hydro power projects constructed/under construction and their installed capacities, State-wise;
- (b) the power being generated by each of the hydel power projects along with the reasons for under utilisation of the installed capacity and the steps being taken by the Government to improve the efficiency of hydro power projects for generation of power as per their installed capacity;
- (c) the total expenditure incurred on setting up of each of the power projects of the National Hydro Power Corporation Limited (NHPC) including in Karnataka and the depreciated book value of each of these power projects as on date, project-wise;
- (d) whether various hydro power projects with a combined capacity of 40,000 Mega Watt. allotted to the private sector in various States are yet to take off;
- (e) if so, the details thereof along with the reasons for delay project-wise; and
- (f) the steps taken/being taken by the Government in this regard?

Answer

THE MINISTER OF STATE (INDEPENDENT CHARGE) FOR POWER,
COAL, NEW & RENEWABLE ENERGY AND MINES

(SHRI PIYUSH GOYAL)

(a) & (b) : A total of 197 Hydro Power projects with an aggregate installed capacity of 43112.42 MW (including Pumped Storage Scheme) are presently under operation in the country. The state-wise details of Hydro Electric Stations under operation along with energy generated by each of the hydel power projects is given at Annex-I. In addition, 44 Hydro Electric Projects (above 25 MW) totalling to 13182 MW are under construction in the country. Details are given at Annex-II.

Majority of the hydro power projects in the country are generating power as per their installed capacity. The major reason for some of the hydro power projects not operating at their full capacity is availability of lesser water flows especially in the Southern states of Karnataka, Tamil Nadu, Telangana, Kerala, Andhra Pradesh. In addition, generation is affected in some of the stations like Rihand, Bhadra, Hirakud etc. due to ongoing renovation and modernization activities.

(c) : The project-wise expenditure incurred on setting up of each of the power projects of the National Hydro Power Corporation limited (NHPC) including in Karnataka and the depreciated book value of each of these power projects, as on date, as received from NHPC, is given at Annex – III.

(d) : As per information available in CEA, the status of various Hydro Projects in Private sector in the country is as under:

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No. Status No of Projects Total Capacity (MW)
1 In operation* 26 3269
2 Under construction 19 4555
3 DPR concurred by CEA 22 15058
4 DPR under Examination in CEA 6 3317
5 DPR returned for resubmission 16 5338
6 DPR under Preparation 31 6502
Total 120 38039

* Note: Having installed capacity above 3 MW

(e) : The reasons for delay in respect of hydro projects under construction in private sector mainly include Law and order issues, Rehabilitation and resettlement, natural calamities, geological surprises, Environmental Clearances, financial constraints etc.

(f) : Regular review meetings are held at various levels including CEA, MoP with developers, States and other concerned agencies for

resolution of the issues.
